

10/687914

C. J. C.



In the United States Patent and Trademark Office

Patent No: 7,254,262

Group Art Unit: 2624

Inventors: U. Nehse et al

Examiner: Daniel G. Mariam

Issued: August 7, 2007

Attorney Docket: 02042

For: Method of Optimizing
Target Quantities for
Optical Precision
Measurement and Apparatus
Therefor

Request for Certificate of Correction Pursuant to 37 CFR 1.322

Commissioner for Patents and Trademarks
P.O. Box 1450
Alexandria, Virginia 22313-1450

Certificate
DEC 10 2007
Correction

Attention: Decision and Certificate of Correction
Branch of the Patent Issue Division

Dear Sir:

Transmitted herewith is a proposed certificate of correction
for United States Patent 7,254,262 issued on August 7, 2007.

Printing errors occurred in the patent which should be
corrected as follows:

Column 10:

Line 55: delete "

$$\bar{I}(\Theta_S, \Xi_S; \Theta_L, \Xi_L; \lambda_L) = \frac{I_{li}(\Theta_S, \Xi_S; \Theta_L, \Xi_L; E_L; \lambda_L) + I_{re}(\Theta_S, \Xi_S; \Theta_L, \Xi_L; E_L; \lambda_L)}{2} "$$

and substitute --

$$\bar{I}(\Theta_S, \Xi_S; \Theta_L, \Xi_L; E_L; \lambda_L) = \frac{I_{li}(\Theta_S, \Xi_S; \Theta_L, \Xi_L; E_L; \lambda_L) + I_{re}(\Theta_S, \Xi_S; \Theta_L, \Xi_L; E_L; \lambda_L)}{2}$$

DEC 10 2007

-- therefor.

Line 60: delete "

$$= \frac{1}{2} [I_{a_H} + I_{a_{re}}] + \sum_{k=1}^n [E_{L_k}(\Theta_{L_k}, \Xi_{L_k}; \lambda_{L_k})]^* "$$

and substitute --

$$= \frac{1}{2} [I_{a_H} + I_{a_{re}}] + \sum_{k=1}^n [E_{L_k}(\Theta_{L_k}, \Xi_{L_k}; \lambda_{L_k})]^*$$

-- therefor.

Column 11:

Line 45: delete "

$$\sum_{s=1}^{m-1} \left| p_{brdf_{re_s}}(\Theta_S, \Xi_S; \Theta_{L_k}, \Xi_{L_k}; E_{L_k}; \lambda_{L_k}) + p_{brdf_{re_{s-1}}}(\Theta_S, \Xi_S; \Theta_{L_k}, \Xi_{L_k}; E_{L_k}; \lambda_{L_k}) \right| \Bigg\}$$

" and substitute --

$$\sum_{s=1}^{m-1} \left| p_{brdf_{re_s}}(\Theta_S, \Xi_S; \Theta_{L_k}, \Xi_{L_k}; E_{L_k}; \lambda_{L_k}) + p_{brdf_{re_{s-1}}}(\Theta_S, \Xi_S; \Theta_{L_k}, \Xi_{L_k}; E_{L_k}; \lambda_{L_k}) \right| \Bigg\}$$

-- therefor.

Line 63: insert -- Equation 9: --.

Line 64: delete "

$$H(\Theta_S, \Xi_S; \Theta_L, \Xi_L; E_L; \lambda_L) = H_H(\Theta_S, \Xi_S; \Theta_L, \Xi_L; E_L; \lambda_L) = H_{re}(\Theta_S, \Xi_S; \Theta_L, \Xi_L; E_L; \lambda_L) "$$

and substitute --

$$H(\Theta_S, \Xi_S; \Theta_L, \Xi_L; E_L; \lambda_L) = H_H(\Theta_S, \Xi_S; \Theta_L, \Xi_L; E_L; \lambda_L) + H_{re}(\Theta_S, \Xi_S; \Theta_L, \Xi_L; E_L; \lambda_L)$$

-- therefor.

Column 12:

Line 59: delete "

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$$(I_{\max}/2) - \bar{I}(\Theta_S, \Xi_S; \Theta_L, \Xi_L E_L; \lambda_L) \quad "$$

and substitute --

$$(I_{\max}/2) - \bar{I}(\Theta_S, \Xi_S; \Theta_L, \Xi_L; E_L; \lambda_L) \quad -- \text{ therefor.}$$

Column 13:

Line 13: delete " $F_K^*(K_{\max} - \text{contrast}) + F_I^*|(I_{\max}/2) - \text{mean brightness}| + F_H^* \text{homogeneity} - \min$ " and substitute
 -- $F_K^*(K_{\max} - \text{contrast}) + F_I^*|(I_{\max}/2) - \text{mean brightness}| + F_H^* \text{homogeneity} \Rightarrow \min$ -- therefor.

Line 18: delete "

$$F_K^*(K_{\max} - K(\Theta_S, \Xi_S; \Theta_L, \Xi_L E_L; \lambda_L)) + F_I((I_{\max}/2) - \bar{I}(\Theta_S, \Xi_S; \Theta_L, \Xi_L E_L; \lambda_L)) + \quad "$$

and substitute --

$$F_K^*(K_{\max} - K(\Theta_S, \Xi_S; \Theta_L, \Xi_L; E_L; \lambda_L)) + F_I((I_{\max}/2) - \bar{I}(\Theta_S, \Xi_S; \Theta_L, \Xi_L; E_L; \lambda_L)) + \quad --$$

therefor.

Line 19: delete "

$$F_H^*(\Theta_S, \Xi_S; \Theta_L, \Xi_L E_L; \lambda_L) \rightarrow \min \quad " \text{ and substitute --}$$

$$F_H^* H(\Theta_S, \Xi_S; \Theta_L, \Xi_L; E_L; \lambda_L) \Rightarrow \min \quad -- \text{ therefor.}$$

Line 22: delete "

$$(K_{\max} - K(\Theta_S, \Xi_S; \Theta_L, \Xi_L E_L; \lambda_L)) \quad " \text{ and substitute --}$$

$$(K_{\max} - K(\Theta_S, \Xi_S; \Theta_L, \Xi_L; E_L; \lambda_L)) \quad -- \text{ therefor.}$$

Line 24: delete "

$$((I_{\max}/2) - \bar{I}(\Theta_S, \Xi_S; \Theta_L; E_L \lambda_L)) \quad " \text{ and substitute --}$$

$((I_{\max}/2) - \bar{I}(\Theta_S, \Xi_S; \Theta_L, \Xi_L; E_L; \lambda_L))$ -- therefor.

Line 26: delete "

$H(\Theta_S, \Xi_S; \Theta_L, E_L; \lambda_L)$ " and substitute --

$H(\Theta_S, \Xi_S; \Theta_L, \Xi_L; E_L; \lambda_L)$ -- therefor.

Column 15:

Line 7: delete " $F_1 * \text{Focusvalue}_1 + F_2 * \text{Focusvalue}_2 + \dots F_N * \text{Focusvalue}_N - \max$ " and substitute -- $F_1 * \text{Focusvalue}_1 + F_2 * \text{Focusvalue}_2 + \dots F_N * \text{Focusvalue}_N \Rightarrow \max$ -- therefor.

Column 16:

Line 53: delete " $F_1 * \text{Edgesitecriterion}_1 + F_2 * \text{Edgesitecriterion}_2 + \dots F_N * \text{Edgesitecriterion}_N - \max$ " and substitute -- $F_1 * \text{Edgesitecriterion}_1 + F_2 * \text{Edgesitecriterion}_2 + \dots F_N * \text{Edgesitecriterion}_N \Rightarrow \max$ -- therefor.

On behalf of the inventors and the assignee of record, Carl-Zeiss-Stiftung, Oberkochen, it is respectfully requested that the certificate of correction be approved pursuant to 37 CFR 1.322 and that an approved copy thereof be sent to the attorney of record at the address shown below.

Respectfully submitted,



Walter Ottesen
Reg. No. 25,544

Walter Ottesen
Patent Attorney
P.O. Box 4026
Gaithersburg, Maryland 20885-4026

Phone: (301) 869-8950

Date: December 4, 2007

DEC 10 2007

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,254,262

Page 1 of 4

DATED : August 7, 2007

INVENTOR(S): Uwe Nehse, Gerhard Linss and Olaf Kuehn

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 10:

Line 55: delete "

$$\bar{I}(\Theta_S, \Xi_S; \Theta_L, \Xi_L; \lambda_L) = \frac{I_{li}(\Theta_S, \Xi_S; \Theta_L, \Xi_L; E_L; \lambda_L) + I_{re}(\Theta_S, \Xi_S; \Theta_L, \Xi_L; E_L; \lambda_L)}{2} "$$

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$$\text{Line 60: delete " } = \frac{1}{2} [I_{a_H} + I_{a_{re}}] + \sum_{k=1}^n [E_{L_k}(\Theta_{L_k}, \Xi_{L_k}; \lambda_{L_k})]^*$$

$$" \text{ and substitute -- } = \frac{1}{2} [I_{a_{li}} + I_{a_{re}}] + \sum_{k=1}^n [E_{L_k}(\Theta_{L_k}, \Xi_{L_k}; \lambda_{L_k})]^*$$

-- therefor.

MAILING ADDRESS OF SENDER:

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Line 63: insert -- Equation 9: --.

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and substitute -

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Column 12:

Line 59: delete " $(I_{\max}/2) - \bar{I}(\Theta_S, \Xi_S; \Theta_L, \Xi_L; E_L; \lambda_L)$


" and substitute --

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